

Title (en)  
SLEEPER

Title (de)  
BAHNSCHWELLE

Title (fr)  
TRAVERSE

Publication  
**EP 3396066 A1 20181031 (DE)**

Application  
**EP 17167764 A 20170424**

Priority  
EP 17167764 A 20170424

Abstract (en)  
[origin: WO2018197464A1] The invention relates to a railway sleeper which is made from a mixture of adhesive and paper.

Abstract (de)  
Bahnschwelle, welche ein Gemisch aus Klebstoff und Papier umfasst.

IPC 8 full level  
**E01B 3/44** (2006.01); **B29C 43/00** (2006.01)

CPC (source: EP)  
**B29C 43/003** (2013.01); **B29C 43/02** (2013.01); **E01B 3/44** (2013.01); **B29C 43/18** (2013.01); **B29K 2075/00** (2013.01); **B29K 2311/12** (2013.01); **B29L 2031/008** (2013.01); **B29L 2031/06** (2013.01)

Citation (applicant)

- DE 102007063455 A1 20090702 - IFF WEIMAR [DE], et al
- DE 202011050077 U1 20110719 - SIOPLAST PRODUKTIONSGMBH [DE]

Citation (search report)

- [XAI] US 240511 A 18810426
- [XI] GB 189710181 A 18970529 - LOOK MARTIN VAN [DE]
- [XI] US 5055350 A 19911008 - NEEFE CHARLES W [US]
- [IA] FR 353854 A 19050922 - JOHN LANG POPE [US]

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WO2023232683A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3396066 A1 20181031**; WO 2018197464 A1 20181101

DOCDB simple family (application)  
**EP 17167764 A 20170424**; EP 2018060436 W 20180424